

CURRICULUM VITAE (not to exceed 4 pages)

Part A. PERSONAL INFORMATION		CV date	12/11/2025
First name	Christian		
Family name	Gortázar		
Gender (*)		Birth date (dd/mm/yyyy)	
Social Security, Passport, ID number			
e-mail	URL: https://www.irec.es/		
Open Researcher and Contributor ID (ORCID) (*)	0000-0003-0012-4006		
SCOPUS Author ID	7003830446		

(*) *Mandatory*

A.1. Current position

Position	Professor (Research 80%; UNESCO code 2401)		
Initial date	01/12/2011		
Institution	Universidad de Castilla La Mancha UCLM		
Department/Center	IREC		
Country	Spain	Teleph. number	
Key words	Animal health; Disease control; Ecology; Epidemiology; One Health; Shared infections; Tuberculosis; Wildlife		

A.2. Previous positions (research activity interruptions, see call)

Period	Position/Institution/Country/Interruption cause
1991-1999	R&D responsible and co-administrator, Ebronatura SL
1999-2011	Titular de Universidad, IREC, UCLM

A.3. Education

Degrees	University/Country	Year
Veterinary Medicine	Universidad de Zaragoza, Spain	1990
PhD Veterinary Science	Universidad de Zaragoza, Spain	1997

Part B. CV SUMMARY (max. 5000 characters, including spaces)

Scientific output: Research activity combines ecology, veterinary sciences, and biotechnology. This includes viral, bacterial, and parasitic diseases with emphasis on the control of infections shared between wildlife, domestic animals, and humans, such as tuberculosis. The main scientific-technical achievements are (1) conceptual definition of the drivers of pathogen emergence from animals to humans (ref 10); (2) identification of the wild boar as a reservoir of the *M. tuberculosis* complex and further contributions to TB epidemiology and control (refs 7, 8); (3) contributions to health monitoring and sanitary control in mixed livestock-wildlife systems (refs 1, 2, 9); and (4) advances in the epidemiological knowledge of infections shared with wildlife (remaining refs).

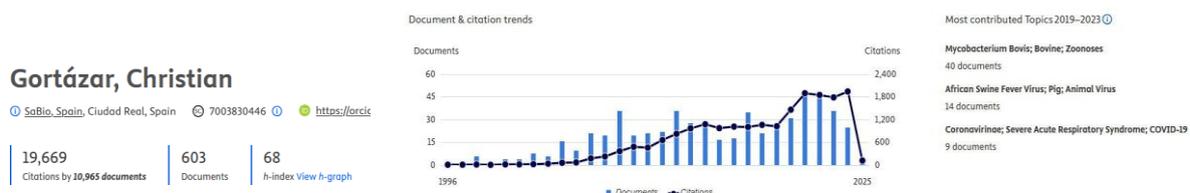
Between 1990 and 1997 my research activity started combining doctoral studies (fox ecology and epidemiology) with activity as an independent consultant and as R&D responsible in Ebronatura. Doctorate in 1997 was awarded with the UNIZAR extraordinary award. In 1999 I obtained a position as associate professor at the National Wildlife Research Institute (IREC, a mixed institute between UCLM and CSIC). Since 2003, I am responsible for the Animal Health Unit, currently the SaBio research group in Health and Biotechnology, at IREC-UCLM. Full professor since 2011. FAO-EUFMD collaborator.



Contribution to society: Responsible for livestock and aquaculture in the National Agency for Evaluation and Prospective in the period 2006 to 2008, and director of the IREC institute between 2005 and 2008. Chaired the European section of the Wildlife Disease Association (2012-2014). Currently head of the research group Health and Biotechnology (SaBio) at IREC, and editor in chief of the European Journal of Wildlife Research. Since 2014, participating in the EFSA Animal Health panel (AHAW), where I chaired the standing working group on African Swine Fever and participated in many other working groups relevant to wildlife. Research contracts and collaborations with several national and international agencies, and further contributions to innovation through 4 patents. Outreach engagement includes >20 books and >200 contributions in specialized and generalist media, achieving e.g., >495,000 reads in The Conversation.

Training and team building: During my academic career I have had the honor to supervise 25 successful Spanish and international PhD candidates as well as 15 post-doctoral researchers. Many of them have meanwhile become established as independent researchers in leading academic institutions, worldwide. The IREC is a well-known multi-disciplinary research institute that is leading cutting-edge science and initiatives such as the EFSA-funded EneWild consortium. Within IREC, the SaBio research group is a lively ecosystem where internal and external interactions are promoted to provide optimal training opportunities for the next generation of scientists at the wildlife-livestock-human interface. SaBio received the 2023 award to the **best research group in Castilla La Mancha**.

Additional indicators of quality (Scopus):



Part C. RELEVANT MERITS

C.1. Publications (Max 10, all 1st, last, or corresponding)

- Herrero-García, G., Vaz-Rodrigues, R., Pozo, P., (...), **Gortázar, C.** (2024). Farm management practices and host species richness associated with higher likelihood of tuberculosis positive farms in Western Spain. *European Journal of Wildlife Research*. 70: 81. DOI: 10.1007/s10344-024-01833-z.
- Barroso, P., Relimpio, D., Zearra, J.A., (...), López-Olvera, J.R., **Gortázar, C.** (2023). Using integrated wildlife monitoring to prevent future pandemics through one health approach. *One Health* 16: 1004792. DOI: 10.1016/j.onehlt.2022.100479
- Cardoso, B., García-Bocanegra, I., Acevedo, P., (...), Alves, P.C., **Gortázar, C.** (2022). Stepping up from wildlife disease surveillance to integrated wildlife monitoring in Europe. *Research in Veterinary Science* 144: 149-156. DOI: 10.1016/j.rvsc.2021.11.003
- Vaz-Rodrigues, R., Ferreras-Colino, E., Ugarte-Ruíz, M., (...), **Gortazar, C.**, Rialde, M.A. (2022). Nonspecific protection of heat-inactivated *Mycobacterium bovis* against *Salmonella Choleraesuis* infection in pigs. *Veterinary Research* 53: 31. DOI: 10.1186/s13567-022-01047-8
- Jo, Y.-S., **Gortázar, C.** (2021). African Swine Fever in wild boar: Assessing interventions in South Korea. *Transboundary and Emerging Diseases* 68: 2878–2889. DOI: 10.1111/tbed.14106
- Gortázar, C.**, Barroso-Arévalo, S., Ferreras-Colino, E., ...de la Fuente, J., Sánchez-Vizcaíno, J.M. (2021). Natural SARS-CoV-2 infection in kept ferrets, Spain. *Emerging Infectious Diseases* 27: 1994–1996. DOI: 10.3201/eid2707.210096.



7. O'Neill, X., White, A., Ruiz-Fons, F., **Gortázar, C.** (2020). Modelling the transmission and persistence of African swine fever in wild boar in contrasting European scenarios. *Scientific Reports* 10: 5895. DOI: 10.1038/s41598-020-62736-y.
8. Tanner, E., White, A., Acevedo, P., ...Marcos, J., **Gortázar, C.** (2019). Wolves contribute to disease control in a multi-host system. *Scientific Reports* 9: 7940. DOI: 10.1038/s41598-019-44148-9.
9. Queirós, J., Vicente, J., Alves, P.C., de la Fuente, J., **Gortázar, C.** (2016). Tuberculosis, genetic diversity and fitness in the red deer, *Cervus elaphus*. *Infection, Genetics and Evolution* 43: 202-212. DOI: 10.1016/j.meegid.2016.05.031.
10. **Gortázar C**, Diez-Delgado I, Barasona JA, Vicente J, de la Fuente J, Boadella M (2015). The wild side of disease control at the wildlife-livestock-human interface: a review. *Front. Vet. Sci.* 1: 27. DOI: 10.3389/fvets.2014.00027

C.2. Conferences (Post 2020, only invited plenary presentations)

1. 39èemes Rencontres du Groupe d'Etudes sur l'Eco-pathologie de la Faune Sauvage de Montagne (GEEFSM). 12-15 10 2022, Córdoba, España. "Epidemiology and Control of African Swine Fever: The Role of Wild Boar". Invited conference.
2. 73rd Annual Meeting of the European Federation of Animal Science (EAAP) 5-9 September 2022– Porto, Portugal. "The coexistence of wildlife and livestock: sanitary aspects". Invited conference.
3. International Pig Veterinary Society (IPVS) Meeting 21-25 June 2022 Rio de Janeiro, Brazil. "Wild boar and feral pig control and the African swine fever pandemic". Invited conference.
4. 7th International Conference on *Mycobacterium bovis* 7-10 June 2022 Galway (Ireland). "Can we ever eradicate TB from wildlife? - a look into the future". Invited conference.
5. XV Congress of the Spanish Society for the Conservation and Study of Mammals. December 4–7, 2021, Córdoba, Spain. "Emerging Diseases in Iberian Mammals". Invited conference.

C.3. Research projects (PI)

1. Biodiversity and Emerging Diseases: Shared Pathogens in Complex Host Communities. (SBPLY/23/180225/000008). European Regional Development Fund, under the Castilla-La Mancha Operational Program 2021-2027 (2021-2027). Principal Investigator. AMOUNT: €125,996.25.
2. One-Health Farming: Environmental monitoring and risk mitigation for safe and sustainable livestock food production and biodiversity conservation. PLEC2021-008113 MICIN/AEI/10.13039/501100011033 and NextGenEU/PRTR. Principal Investigator: C. Gortázar. Total budget 1,000,000€, IREC 190,000 €.
3. Research and Innovation in Health and Biotechnology Applied to Conservation Medicine: Extensive Livestock Systems in Mediterranean Environments (2022-GRIN-34227). Regional project of UCLM and FEDER (2023-2025). Principal Investigators: Christian Gortázar & Olga García Álvarez. Amount: €75,460.41.
4. Non-Specific Immunity Associated with Inactivated Mycobacteria: Pathogen Range, Immunogen Specificity, and Involved Molecular Mechanisms. MYCOTRAINING. SBPLY/19/180501/000174. Principal Investigators: C. Gortázar & M.A. Rivalde. Amount: €168,0643. Understanding and quantifying the effect of WILD ungulate density as a DRIVER of emerging multi-host infections with a One Health perspective (WILD DRIVER - CGL2017-89866). 2018 to 2021. MINECO Plan Nacional. Principal Investigators: J.F. Ruiz Fons & C. Gortázar. 204.490 €.



5. Study of the Potential Impact of COVID-19 on Pets and Iberian Lynx. Project funded by the Carlos III Health Institute and the COVID-19 Fund (RD 8/2020) (2020-2021). Principal Investigators: José Manuel Sánchez-Vizcaíno Rodríguez, Christian Gortázar Schmidt. Amount: €416,066.
6. Understanding and Quantifying the Effect of Wild Ungulate Density as a Determinant of Emerging Multi-Host Pathogens from a One Health Perspective (WILD DRIVER - CGL2017-89866-R). Project funded by MINECO (National I+D+i Plan). Principal investigators: Joaquín Vicente & Christian Gortázar. Amount: €204,490.
7. Prevention of the Effects of African Swine Fever on Hunting and Biodiversity Conservation. Funded by Fundación Biodiversidad, Ministry for Ecological Transition. Duration: 2018-2019. Amount: €25,000. Principal Investigator: Christian Gortázar.
8. Understanding and combating African Swine Fever in Europe ASF-STOP (CA15116). EU (H2020) Cost Action. 2016 to 2020. Principal investigators: D. Gavier-Widen & J.F. Ruiz-Fons. No specific funds for UCLM.
9. Micobacterias inactivadas por calor como inmunógenos en rumiantes: vía de administración, respuesta del hospedador y diagnóstico. AGL2014-56305. MINECO Plan Nacional de I+D+i. 2015 to 2017. Principal investigator: C. Gortázar. 245.000€.
10. Integrated solutions for Tuberculosis control in animals combining vaccination and multispecies diagnostics (WildTBVac) Grant #613779. 7th EUFP. 2013 to 2015. Principal investigator: R. Juste (coordinator); C. Gortázar WP-PI at SaBio IREC. UCLM funding 100.000€

C.4. Contracts, technological or transfer merits

1. Contract: Delegation of Management to the University of Castilla-La Mancha (UCLM) for Work Related to Various Topics of Interest in Wildlife Health Management in Spain. Participating entities: IREC-UCLM. Duration: 2020 to 2022. Principal Investigator: Christian Gortázar. Amount: €97,000.
2. Contract: Evaluation of Biosecurity Measures and Risk Analysis of Bovine Tuberculosis in the Vitigudino Region. Funded by the Ministry of Agriculture, Livestock, and Rural Development, JCyL. Duration: May to December 2021. Principal Investigator: Christian Gortázar. Amount: €17,545.00.
3. Improving Biosecurity in Beef Cattle Farms. Contract under Article 83 COVAP – MAGRAMA Aid Program. Participating entities: IREC-UCLM, VISAVET-UCM, and CICAP. Duration: 2015 to 2017. Principal Investigator: Christian Gortázar for IREC-UCLM. Number of Researchers Involved: 6. Total Project Amount: €150,000 (€50,000 allocated to UCLM).
4. Incorporation of New Methodologies for the Technification and Sustainability of Extensive Cattle and Hunting Farms. Funded by Medianilla SL, JaimeJuan SL, Glenton SA - Technology Fund Project (CDTI). Participating entities: IREC-UCLM, IREC-CSIC. Duration: 2012 to 2014. Principal Investigators: Christian Gortázar, Julián Garde, José de la Fuente. Amount: €225,000.
5. Patent: Immunostimulant for use against pathogens. Authors: Juste R, Domínguez L, Gortázar C, (...). 2021. European Patent Application, Patent number EP3890759.
6. Patent: Methods and compositions for tuberculosis diagnosis. Authors: Domínguez M, Infantes JA, Moreno I, Domínguez L, Gortázar C (...). 2018. European Patent Application, Patent number EP3330286.